## WHAT is claimed is:

1. An optical disk device, comprising:

a case, having first and second case members fixed 5 with each other;

a driver, rotating a medium;

an optical pickup module, including optical elements; and

a circuit portion, forming a control portion;

10 wherein:

at least one of the first and second case members has a main surface and side surfaces provided at ends of the main surface;

an integral part is provided at a corner where

15 a pair of the side surfaces in at least one of the first

and second case members adjoin such that the integral part

is continuously integrated with the at least one pair of

side surfaces.

- 20 2. The optical disk device according to claim 1, wherein the integral part is formed by all parts of the corner.
- The optical disk device according to claim 1,
   wherein the corner includes an unconnected part where a

pair of side surfaces are not connected and an integral part where the pair of side surfaces are integrally connected.

- 5 4. The optical disk device according to claim 3, wherein the unconnected part and the integral part are provided in this order from the main surface side.
- The optical disk device according to claim 3,
   wherein the integral part and the unconnected part are provided in this order from the main\_surface side.
- 6. The optical disk device according to claim 3, wherein a first unconnected part, the integral part, and a second unconnected part are provided in this order from the main surface side.
- The optical disk device according to claim 1,
   wherein at least one of the first and second case members
   is formed by drawing.
  - 8. The optical disk device according to claim 1, wherein the outer surface of the integral part has a C-shape or a curved shape.

9. The optical disk device according to claim 1, wherein:

a tray is movably provided at the first case member, the first and second case members are each provided with a main surface and side surfaces provided at ends of the main surfaces, the tray is positioned between the main surfaces of the first and second case members, the side surfaces of the first and second case members oppose each other, and one or more first protrusions are provided at a part of the side surfaces of the second case member opposing the first case member.

- 10. The optical disk device according to claim 9, wherein:
- the main surfaces of the first and second case members are rectangular, and a first protrusion is provided at each of three side surfaces of the first and second case members.
- 20 11. The optical disk device according to claim 1, wherein:

the average thickness of the second case member is from 0.4 to 0.83 when the average thickness of the first case member is 1.

12. The optical disk device according to claim 1, wherein the first and second case members are made of at least one of iron, an iron alloy, aluminum, an aluminum alloy, and a magnesium alloy.

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13. The optical disk device according to claim 1, wherein the average thickness of the first case member is from 0.4 mm to 0.9 mm and the average thickness of the second case member is from 0.3 mm to 0.58 mm.

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14. The optical disk device according to claim 9, wherein one or more second protrusions are provided at a part of the side surface of the first case member opposing the second case member.

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15. The optical disk device according to claim 14, wherein the first and second protrusions are provided shifted from each other so as not to abut against each other.

- 16. The optical disk device according to claim 1, further comprising:
- a tray at least carrying a driver and an optical pickup module, the tray being capable of protruding and withdrawing through an opening of the case including at

least the first and second case members; and

- a line connector, connected to the tray, wherein
- a part of the inner wall of the case opposing at least one of the driver and the line connection means is provided with a recess.
  - 17. The optical disk device according to claim 16, wherein
- a recess is provided at a part opposing the line connector, and at least a part of the line connector is stored in the recess.
  - 18. The optical disk device according to claim 17, wherein
- the line connector is adhered to the inner wall of the case by adhesion means, and the adhered area of the line connector is equal to or larger than the area in which the recess is formed.
- 20 19. The optical disk device according to claim 18, wherein
  - a flexible printed circuit board is used as the line connection means, and
- a tape like member having an adhesive layer on both 25 faces is used as the adhesion means.

20. The optical disk device according to claim 16, wherein

a recess is provided in a location where the upper end of the driver passes when the tray is freely protruded and withdrawn.

- 21. The optical disk device according to claim 16, further comprising:
- a first board, fixed to the case; and

  a second board, fixed to the tray, wherein
  the first and second boards are electrically
  connected by the line connection means.
- 22. The optical disk device according to claim 16,
  15 wherein:

the recess is formed by making the thickness of the case smaller than the other parts.

23. The optical disk device according to claim 1,20 wherein

the first case member includes a main bottom surface,
a sub bottom surface substantially parallel to the main
bottom surface and provided with a step near the second
case member, a side surface connecting the main bottom
surface and the sub bottom surface, a connection part

connecting the main bottom surface and the second case

member provided at an end of the sub bottom surface, and a

planer protrusion extended from the vicinity of the

intersecting line of the sub bottom surface and the side

surface to the main bottom surface,

a reinforcement member is provided opposing the main surface, the side surface, and the protrusion, and

the reinforcement member and the protrusion are at least partly arranged so that the reinforcement member cramps the protrusion.

24. The optical disk device according to claim 23, wherein the reinforcement member also serves as holding means for holding the tray movably at the case.

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- 25. The optical disk device according to claim 23, wherein the arrangement in which the reinforcement member cramps the protrusion includes an arrangement through engagement between an engagement part provided at the reinforcement member and a through hole provided at the protrusion.
- 26. The optical disk device according to claim 23, wherein the arrangement in which the reinforcement member cramps the protrusion includes an arrangement produced by

deforming and expanding the tip end of the protrusion provided at the reinforcement member to cramp the protrusion.

The optical disk device according to claim 23, wherein the arrangement in which the reinforcement member cramps the protrusion includes an arrangement in which the reinforcement member has a through hole and the through hole is engaged with the protrusion.

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- 28. The optical disk device according to claim 23, wherein the reinforcement member and the main bottom surface are engaged by an engagement structure.
- 15 29. The optical disk device according to claim 23, further comprising at least an arrangement in which the reinforcement member cramps the main bottom surface.
- 30. The optical disk device according to claim 29, 20 wherein

the arrangement in which the reinforcement member cramps the main bottom surface includes an arrangement through engagement between an engagement part provided at the reinforcement member and a through hole provided at the main bottom surface.

31. The optical disk device according to claim 29, wherein

the arrangement in which the reinforcement member cramps the main bottom surface includes an arrangement produced by deforming and expanding the tip end of the protrusion provided at the reinforcement member to cramp the main bottom surface.

32. The optical disk device according to claim 29,10 wherein

the arrangement in which the reinforcement member cramps the main bottom surface includes an arrangement in which the reinforcement member has a through hole and the through hole engages with the main bottom surface.

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33. The optical disk device according to claim 1, wherein the first case member includes a main bottom surface, a sub bottom surface provided substantially parallel to the main bottom surface and having a step near the second case member, a side surface connecting the main bottom surface and the sub bottom surface, and a connection part connecting the main bottom surface and the second case member provided at an end of the sub bottom surface,

a reinforcement member is provided opposing the main 25 bottom surface and the side surface, and

the reinforcement member includes a part adhered by an adhesive to at least one of the main bottom surface and the side surface.